

## **CLASS SPECIFICATION**

### **SAN DIEGO CITY CIVIL SERVICE COMMISSION**

### **WASTEWATER PRETREATMENT INSPECTOR I**

#### **DEFINITION:**

Under supervision and in a training capacity, to perform the less complex wastewater pretreatment inspection, permitting, investigation, enforcement or other regulatory management activities; and to perform related work.

#### **DISTINGUISHING CHARACTERISTICS:**

This is the sub-journey class in the Wastewater Pretreatment Inspector series. Most positions are classified at the Wastewater Pretreatment Inspector level, which is the fully experienced or journey level class. In a training capacity, positions may be underfilled with Wastewater Pretreatment Inspector I in accordance with the City's Career Advancement Program. This class is distinguished from the next higher class in that Wastewater Pretreatment Inspectors I inspect, permit, investigate and enforce less complex assignments and receive more direction and guidance.

#### **\* EXAMPLES OF DUTIES:**

- Inspects industrial and commercial processes to determine the type and amount of waste being discharged into the system;
- Observes work flow processes to understand chemical and water uses, distribution and disposal;
- Draws schematics of field sites and industrial processes;
- Determines appropriateness of wastewater pretreatment systems;
- Identifies existing or potential wastewater pretreatment process and industry operational problems that may lead to discharge problems;
- Explains discharge regulations to the industry;
- Recommends chemical and other constituents to be tested for as well as determines appropriate sampling protocols;
- Recommends the approval of discharge permits;
- Prepares reports;
- Conducts review of wastewater samples laboratory test data;
- Conducts research to gather information regarding water consumption and laboratory analysis history;
- Initiates enforcement action to secure permit compliance;
- Performs related work.

#### **MINIMUM QUALIFICATIONS:**

Please note: the minimum qualifications stated below are a guide for determining the education, training, experience, special skills, and/or license which may be required for employment in the class. These are re-evaluated each time the position is opened for recruitment. Please refer to the most recent Job Announcement for updated minimum qualifications.

A Bachelor's degree in Chemical Engineering, Environmental Engineering, Sanitary Engineering, Chemistry, Biology, or a closely related field; **AND** one year of professional level experience in wastewater pretreatment inspection or chemical wastewater laboratory experience related to the discharge of industrial or commercial wastes into sewage systems or waterways.

- \* **EXAMPLES OF DUTIES** performed by employees in this class. The list may not include all required duties, nor are all listed tasks necessarily performed by everyone in this class.